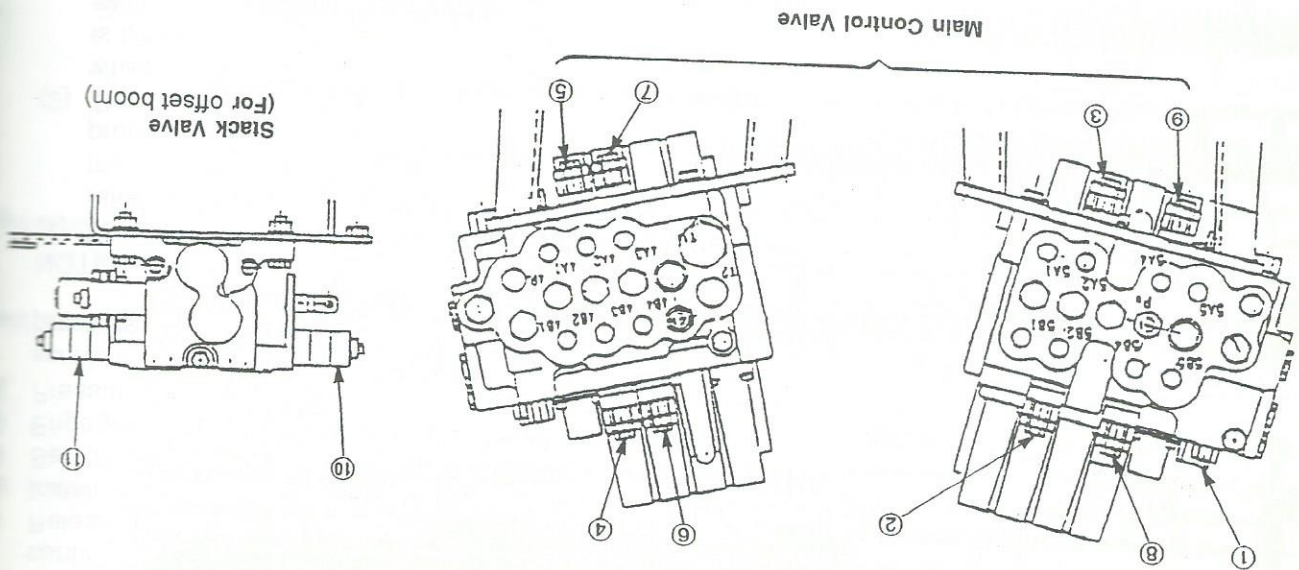


* If the boom hoist cylinder cannot be fully retracted, it is recommended to exchange position with the boom down and the boom up port reliefs. Follow the procedures for setting the boom up pressures, but adjust the pressure to the boom down value. Then exchange positions with the boom up and boom down port reliefs to put them back into their original positions.

| No. | Name | Setting pressure | | |
|-----|-------------------|---|--------------|-------------|
| 1 | Main Relief Valve | 275~285 kgf/cm ² (3911~4054 psi) | Bucket Close | Second pump |
| 2 | Port Relief Valve | 300~310 kgf/cm ² (4267~4409 psi) | Arm Out | First pump |
| 3 | Port Relief Valve | 300~310 kgf/cm ² (4267~4409 psi) | Arm In | First pump |
| 4 | Port Relief Valve | 300~310 kgf/cm ² (4267~4409 psi) | Bucket Open | Second pump |
| 5 | Port Relief Valve | 300~310 kgf/cm ² (4267~4409 psi) | Bucket Close | Second pump |
| 6 | Port Relief Valve | 300~310 kgf/cm ² (4267~4409 psi) | Boom Up | Second pump |
| 7 | Port Relief Valve | 300~310 kgf/cm ² (4267~4409 psi) | Boom Down | Second pump |
| 8 | Port Relief Valve | 205~215 kgf/cm ² (2916~3058 psi) | Blade Up | First pump |
| 9 | Port Relief Valve | 300~310 kgf/cm ² (4267~4409 psi) | Blade Down | First pump |
| 10 | Port Relief Valve | 300~310 kgf/cm ² (4267~4409 psi) | Offset Right | First pump |
| 11 | Port Relief Valve | 195~205 kgf/cm ² (2774~2916 psi) | Offset Left | First pump |

Table A Setting pressure for Main and Port relief valves

Fig. 2 Main Relief and Port Relief Valves



5. Pilot
- 1) Read
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